

Huawei Liquid Cooling Charging Station Energy Storage





Overview

Does Huawei have a supercharger?

Huawei has launched a supercharger with over 1 MW of peak charging power, as the charging power race continues. The Chinese tech giant rolled out the supercharger in Shanghai today, with a peak charging power of up to 1.5 MW, claiming it is the industry's first fully liquid-cooled MW-class supercharging solution.

Can Huawei EV charger charge a heavy truck?

Huawei 1.5 megawatt charging solution claims to charge a heavy truck up to 90% within 15 minutes. Meanwhile, reloading will be 4x higher than other charging piles. Speaking of efficiency, the new EV charger is 30% more efficient and costs 20% less in the operational segment compared to previous-gen charging solutions.

What is Huawei intelligent electric & intelligent charging network?

Today, Huawei advanced the state of electric vehicle infrastructure, unveiling what it describes as the industry's first fully liquid-cooled megawatt fast-charging solution at its "2025 Huawei Intelligent Electric & Intelligent Charging Network Launch Conference."

How much power does a Huawei battery pack take?

It can sustain a maximum charging current of 2400 amps for a continuous 15 minutes, enabling a 300 kWh battery pack, typical for heavy-duty applications, to achieve a full charge cycle in just a quarter of an hour. Huawei claims this represents a nearly fourfold improvement in replenishment efficiency compared to traditional fast-charging stations.



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[Huawei introduces liquid-cooled 1.5 ...](#)

Apr 22, 2025 · Today, Huawei launched a brand-new fully liquid-cooled 1.5 megawatt-class supercharger for EVs (electric vehicles). It is the ...

[Energy Storage Solution \(ESS\) , HUAWEI](#)

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[Huawei launches supercharger with up to 1.5 MW charging ...](#)

Apr 22, 2025 · The Chinese tech giant rolled out the supercharger in Shanghai today, with a peak charging power of up to 1.5 MW, claiming it is the industry's first fully liquid-cooled MW-class ...

Huawei launches fully liquid-cooled megawatt charger: 1.5 ...

Apr 22, 2025 · Industry's first fully liquid-cooled megawatt charger A key technological innovation



is the charger's immersive liquid cooling system. This design tackles the critical challenge of ...



[HUAWEI Smart String Energy Storage System](#)

The energy storage system achieves 5% more usable energy and 10%+ higher yields, reducing maintenance costs by auto-sync battery SOC with ...

[Huawei launches supercharger with up to 1.5 ...](#)

Apr 22, 2025 · The Chinese tech giant rolled out the supercharger in Shanghai today, with a peak charging power of up to 1.5 MW, claiming it ...



[Huawei FusionCharge Fully Liquid-Cooled Ultra-Fast ...](#)

Jan 30, 2025 · Advocating For Sustainable Development of Future-Proof Charging Facility Introduction Liquid-cooled power unit is the core part of ultra-fast DC charging system for ...



[Huawei Unveils Revolutionary Liquid-cooled ...](#)

Jul 20, 2024 · Discover Huawei's revolutionary FusionCharge Liquid-cooled Ultra-fast Charging Solution. Experience ultra-fast charging and energy ...



[How Huawei delivers fast, reliable charging](#)

Sep 19, 2023 · Huawei's charging solution is green, low-noise, reliable and fully adaptive, providing an enhanced user experience for owners and ...

[DC Ultra-fast Charging System Site Survey and](#)

Sep 5, 2024 · Huawei ultra-fast integrated charging system consists of the power unit, liquid-cooled charging dispensers, Boost charging dispensers and energy storage cabinet (reserved).



LUNA2000-215 Series: Smart Energy Storage Solution , HUAWEI Smart PV

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[Liquid-Cooled Ultra-Fast Charging](#)

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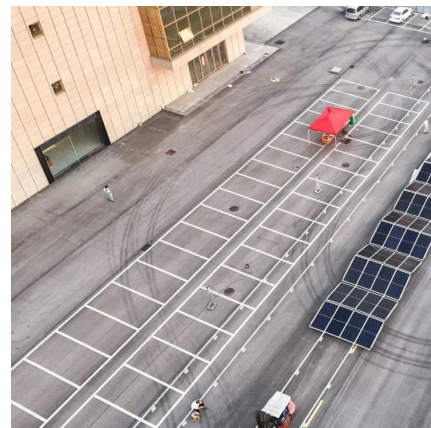
Huawei's All-liquid-cooled Supercharging Solves The Problem Of Charging

Nov 9, 2023 · At the beginning of October this year, Huawei's fully liquid-cooled supercharging station was officially unveiled on the 318 Sichuan-Tibet line, covering Shigatse, Lhasa, ...

[Huawei unveils first global liquid-cooled](#)

...

Mar 16, 2024 · Huawei has launched its first-ever liquid-cooled 600kW supercharging station. The ultimate solution is jointly developed by Enerji ...





[Huawei Digital Power Introduces New FusionCharge Liquid ...](#)

Jul 5, 2024 · In future, Huawei aims to expand the application of this innovative technology to encompass both business and household applications, building on Huawei's existing ...

[Huawei FusionCharge Fully Liquid-Cooled Ultra-Fast ...](#)

Liquid-cooled power unit is the core part of ultra-fast DC charging system for public charging station and other sites demanding multiple fastchargers. With AC/DC and DC/DC modules ...



[How Huawei delivers fast, reliable charging](#)

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Jul 20, 2024 · Discover Huawei's revolutionary FusionCharge Liquid-cooled Ultra-fast Charging Solution. Experience ultra-fast charging and energy storage for electric vehicles in Thailand.



[Huawei Fully Liquid-cooled Ultra-fast and Fast Charging](#)

Aug 19, 2024 · Huawei Fully Liquid-cooled Charging Power Unit Huawei fully Liquid-cooled power unit is a product oriented to electric vehicles for efficient energy conversion and power allocation.



Huawei introduces liquid-cooled 1.5 megawatt supercharger ...

Apr 22, 2025 · Today, Huawei launched a brand-new fully liquid-cooled 1.5 megawatt-class supercharger for EVs (electric vehicles). It is the industry's first completely liquid-cooled ...





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Discover the power of Liquid-Cooled Ultra-Fast Charging technology, designed to deliver faster, more efficient EV Fast Charging solutions for ...

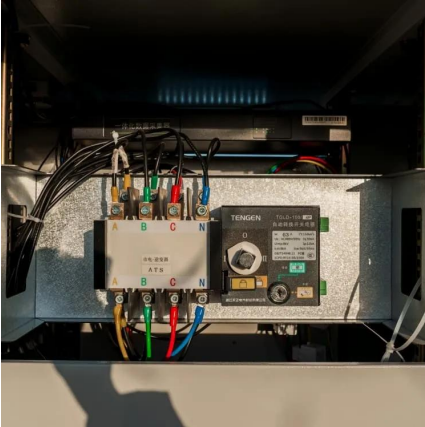
[Huawei launches the first 100MW heavy-duty ...](#)

Aug 23, 2025 · The station has 18 x 1.44mW charging stalls, 108 x 600kW, and 72 x 720kW liquid-cooled charging stalls. Huawei has employed 1MW ...



[LUNA2000-215 Series , Smart String Energy Storage](#)

Introducing the innovative C2C dual-link safety, the Huawei smart energy storage system LUNA2000-215 Series sets a new benchmark for safe and efficient industrial and commercial ...



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